

## Message Text

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45

ORIGIN COME-00

INFO OCT-01 CIAE-00 DODE-00 EB-07 NRC-05 NSAE-00 TRSE-00

EUR-12 ERDA-05 ISO-00 /030 R

DRAFTED BY COMMERCE/OEA:RGAREL:ERS

APPROVED BY EB/ITP/EWT:RWPRACHT

RPE

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R 120411Z PEB 76

FM SECSTATE WASHDC

TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 034633

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM, FR, UR, US

SUBJECT: US SEISMIC PROFILING SYSTEM TO USSR - IL 1510

REF: A) OECD PARIS 2795, B) COCOM DOC (76)74

THE MODEL 230 UNIBOOM SOUND SOURCE IS THE TRANSDUCER WHICH GENERATES AND DIRECTS BROAD BAND ACOUSTIC PULSES NECESSARY FOR HIGH RESOLUTION AND PENETRATION TO 75 METERS. THE ENERGY SOURCE MODEL 234 DELIVERS POWER AT THOSE SELECTABLE LEVELS AND AT EACH LEVEL OPERATES ACROSS THE FULL RANGE OF FREQUENCIES AS FOLLOWS: FOR 100 WATT SECOND LEVEL FREQUENCY RANGE IS 700 HZ TO 14 KHZ, FOR 200 WATT SECOND ENERGY LEVEL RANGE OF FREQUENCY SHIFTS TO 500 HZ TO 10 KHZ, AND AT 300 WATT SECONDS THE FREQUENCY RANGE IS 400 HZ TO 8 KHZ. ALL THREE MODES OF OPERATION ARE BUILT INTO THE MODEL 234 ENERGY SOURCE. THE TRANSDUCERS BOTH AT TRANSMISSION AND RECEPTION COVER THE THREE RANGES CONTINUOUSLY FOR THE DURATION OF THE PULSE. POWER LEVELS CITED ABOVE ARE AVAILABLE TO THE TRANSDUCERS.

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INGERSOLL

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NNN

\*\*\* Current Handling Restrictions \*\*\* n/a

\*\*\* Current Classification \*\*\* CONFIDENTIAL

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** RECORDING INSTRUMENTS, STRATEGIC TRADE CONTROLS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 12 FEB 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Authority:** coburnhl  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 28 MAY 2004  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1976STATE034633  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** RGAREL:ERS  
**Enclosure:** n/a  
**Executive Order:** X1  
**Errors:** n/a  
**Film Number:** D760053-0947  
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**Line Count:** 66  
**Locator:** TEXT ON MICROFILM, TEXT ON-LINE  
**Office:** ORIGIN COME  
**Original Classification:** CONFIDENTIAL  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** CONFIDENTIAL  
**Previous Handling Restrictions:** n/a  
**Reference:** 76 OECD PARIS 2795  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** coburnhl  
**Review Comment:** n/a  
**Review Content Flags:**  
**Review Date:** 20 APR 2004  
**Review Event:**  
**Review Exemptions:** n/a  
**Review History:** RELEASED <20 APR 2004 by greeneet>; APPROVED <11 AUG 2004 by coburnhl>  
**Review Markings:**

Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
04 MAY 2006

**Review Media Identifier:**  
**Review Referrals:** n/a  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**Secure:** OPEN  
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**Subject:** US SEISMIC PROFILING SYSTEM TO USSR - IL 1510  
**TAGS:** ESTC, FR, UR, US, COCOM, ESTC  
**To:** OECD PARIS  
**Type:** TE  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 04 MAY 2006